

# Allen County HamNews

Fort Wayne Radio Club   Fort Wayne DX Association   Allen County Amateur Radio Technical Society

August 2020  
Volume 21  
Issue 7



**FEELING HAMFEST DEPRIVED?**

## **2020 Tailgate Hamfest**

**FRIDAY, AUGUST 21ST, 6:30PM  
GOOD SHEPHERD UMC PARKING  
LOT**

4700 Vance Ave, Fort Wayne, IN 46815

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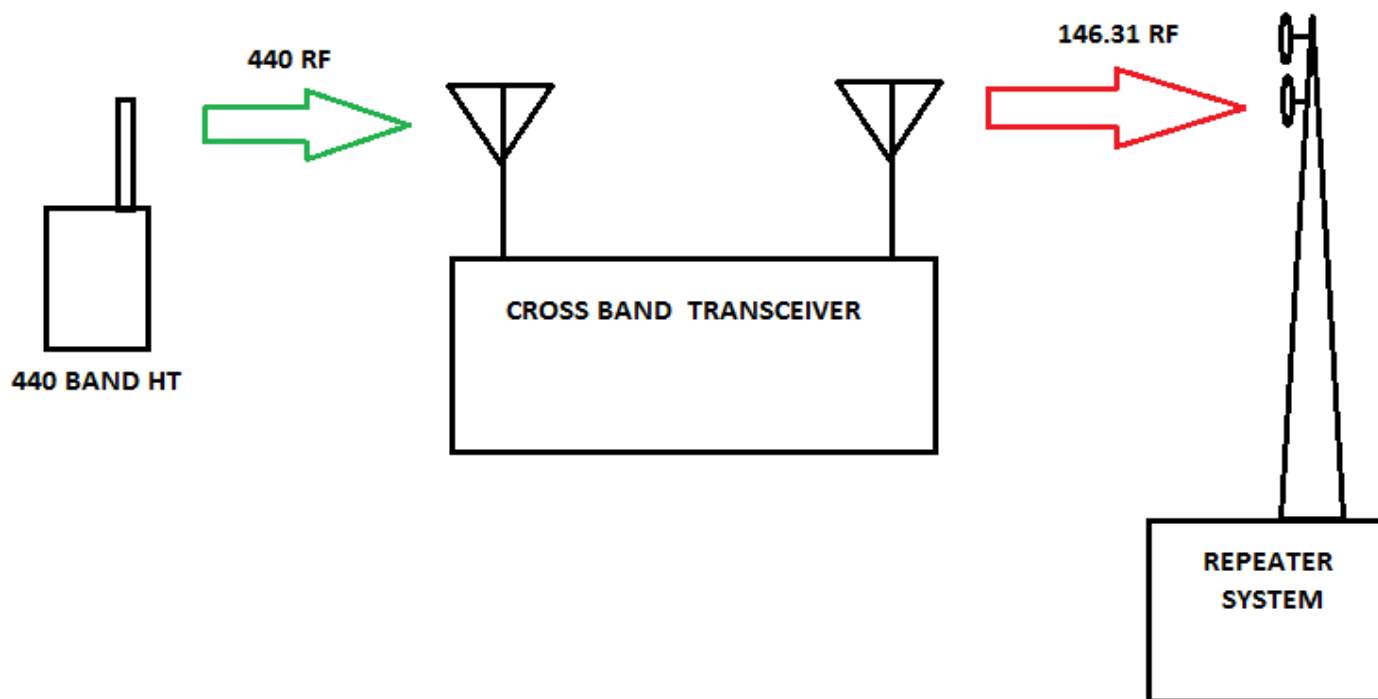
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## Protect Your Remote

Steve Nardin, W9SAN

One operating mode has become very popular of date: using a cross band radio to allow “Remote” operation from your home QTH. Envision this: you would like to use a small HT around the house or even in close by buildings, but there is no way your small low power HT can reliably hit your repeater of choice. So you use your little radio to transmit on another band, say the 440 band, to your 'remote' radio which translates the 440 emission over to the input to the 2 meter repeater you would like to hit. Since your 'remote' radio has a nice outdoor antenna and plenty of power, hitting the repeater is now a piece of cake! Easy peasy and your HT is not transmitting so much power it melts your hand or the RF fries your eyeballs.

Here is a diagram of how it all operates:

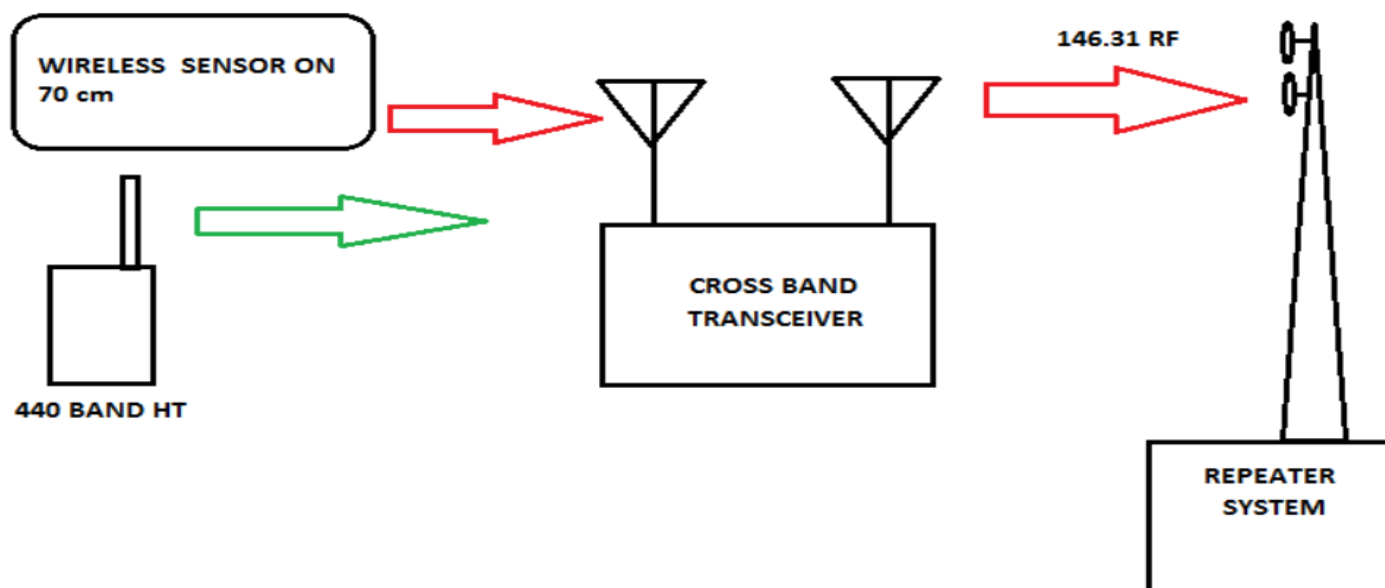


There is one potential pitfall to this neat use of our modern radios. There are a lot of really junkie transmitters out there for all manner of non-amateur radio applications. Here is a case in point: I have an Oregon Scientific remote weather station that uses a small sensor/transmitter that is battery powered and is mounted somewhere outdoors. It sends temperature and humidity data to an indoor display unit via digital radio signals. These signals are sent on a frequency of 433 MHZ. Now you would think that this is sufficiently far away from my transceiver set to listen on 444.875 MHZ that I wouldn't hear any noise, but sadly the Oregon transmitter is so broad banded that every 5 to 10 seconds I hear a loud BBUUZZZTTTT! Very annoying to say the least!

It is not just weather stations that use these lousy transmitters. There are wireless doorbells, driveway monitors, burglar alarms, garage door openers and countless other types of RF based devices. They are everywhere! Now here is the problem for 'remote' system operators: What if the transceiver you are using for your system hears these blasts of data and thinks it is a legitimate transmission? It could potentially send a burst of junk out on the 2 meter input frequency that you would normally use to access our repeaters. This junk could interfere with someone's QSO while you have forgotten that your remote is still on while you are watching **FINDING BIG-FOOT!**

The way to protect against inadvertent blasts of junk is pretty simple: use PL tone between your HT and the remote transceiver. The junky devices on 433 MHz are mostly beyond our control; heck they could even be your neighbors' devices that you don't know about. Another good idea is to turn off the remote system if you do not intend to use it that day, or you are going on vacation or will be away for any length of time.

Don't let this happen:



### From the Editor: Hamfest Season—Sort Of

The summer has certainly been flying by! The Auburn Hamfest was the first local hamfest of the season and was a lot of fun; photos are available elsewhere in this edition of HamNews.

Please note that the local tailgate hamfest is scheduled for Friday, August 21 (see page 1 for more details).

If you would like to include anything in the September edition, please send this to me by no later than Monday, August 31.

Stay healthy and catch you on the airwaves!

73,

*Josh Long, W9HT*







# 48<sup>th</sup> FORT WAYNE HAMFEST

Host to the  
**2020 ARRL CENTRAL DIVISION CONVENTION**



## ARRL Forum - Saturday 10:00 AM

**Kermit Carlson W9XA**  
ARRL Central Division Director

**Carl Luetzelschwab K9LA**  
ARRL Central Division Vice – Director

**James Merry Jr. KC9RPX**  
ARRL Indiana Section Manager

## ARRL Central Division Convention Banquet Saturday, November 14, 5:00PM

Buffet with two entrees, salad, vegetable,  
starch, roll & dessert.

Attendance limited to first 70 Registrants  
\$25 Reservations Available October 1 thru November 6

- Ham Radio License Testing All Classes (\$14)  
9 AM till 12 PM Saturday
- WAS & DXCC Card Checking and CQ Awards
- New & Used Ham Equipment Dealers All Indoors
- Main & Hourly Door Prizes
- 3 Rooms of Special Interest Forums All Day Saturday  
SKCC \* AMSAT \* ARES \* NTS \* Indiana Repeater Council
- Youth Lounge (under 12 accompanied by adult)
- Equipment Check-out | Test Purchases on-site
- Tables: \$25 Regular, \$50 Premium, \$33 Electricity  
Drive Directly to Your Table for Setup

# November 14 & 15 2020

SAT 9 AM to 4 PM  
SUN 9 AM to 2 PM

Admission: \$6 Sat & Sun  
Sunday only FREE!  
Children under 12 free  
(with adult)

Talk-in Radio Frequency 146.880 (-)



**Allen County  
War Memorial Coliseum**  
4000 Parnell Ave  
Fort Wayne, IN  
73,000 sq. ft. Comfort Arena  
(Coliseum Parking \$6 per vehicle)

Get the latest information at

[www.fortwaynehamfest.com](http://www.fortwaynehamfest.com)

[www.facebook.com/FTWAYNEHAMFEST/](https://www.facebook.com/FTWAYNEHAMFEST/)

Contact (260) 579-2196 , PO Box 10342, Fort Wayne, IN 46851

## FORT WAYNE HAMFEST SPECIAL NOTICE

The COVID-19 Pandemic has upset many aspects of our daily lives. We hope our Hamfest vendors and amateur radio friends are safe and well during this national emergency. Subject to government guidelines and orders, we still expect to deliver a high quality Hamfest again this year and are pleased to host the ARRL Central Division Convention in November. We will continue to monitor health professional recommendations as the Hamfest date nears. All plans are moving forward, but we will decide on September 1 if the risk to our patrons and vendors necessitates the prudent decision to cancel.

The Fort Wayne Hamfest recognizes many hams have suffered job losses and economic stress this year. We have decided to make Sunday at the Hamfest FREE admission. We have no control over the venue provider's parking fee (currently \$6/vehicle), so we encourage carpooling. We will continue to have hourly door prize drawings on both Saturday and Sunday; however, the grand prizes will be drawn and awarded on Saturday at 3:30pm.

Hamfests are an amateur radio tradition which the Allen County Amateur Radio Technical Society (ACARTS) strives to keep alive. If the pandemic has subsided enough to permit travelling and gathering safely, then we hope you'll support the tradition and join us at the Fort Wayne Hamfest.

Save the Date: November 14 & 15.

**The Fort Wayne Hamfest Steering Committee**

# *Hamsplatter*

Fort Wayne Radio Club P.O. Box 15127, Fort Wayne, IN

## **DID YOU PARTICIPATE IN THE INDIANA QSO PARTY?**

If your callsign is listed below,  
your exclusive Certificate of  
Achievement will be available at  
the Tailgate Hamfest!

W9GT, AC9EZ, W9LW, W9HT,  
K9EA, KD9GDY, KU8T,  
WA9BBN, K9LI, K9FW, KJ9R,  
W9SA, W9SAN, KD9HAV,  
K9FMX, W9WN, N9RIS,  
N9HRA, KD9KMK, KB9OZI,  
KD9INP, KB9OS, KA9GKE,  
KR9U, K3HZP, KD9ITZ, N8KR



### **FWRC Officers**

#### **President**

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KD9NRS  
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## FORT WAYNE RADIO CLUB MEETING MINUTES

17 July 2020

The July meeting of the Ft. Wayne Radio Club, still working around restrictions in place due to the Corona-virus issue, was held in the Good Shepherd United Methodist Church parking lot on 17 July 2020.

Club president Carole Burke, WB9RUS, hosted the meeting of about fifteen people which suggests that most folks are still gun-shy about the virus. But for those who were able to attend, we executed the Salute to the Flag ceremony, and then everyone introduced themselves by their call sign, as we always do. Two soon to be hams, still working on their licenses, were in attendance. The meeting started at 7:04 pm.

Treasurer Debbie Jenks, KB9DEB was not able to attend. But she provided the pertinent numbers relative to the Treasury as of 17 July, 2020 as follows:

Savings- \$1,831.19

Checking- \$3,480.84

Vanguard- \$11,289.20

CY 2020 Membership – 130

Debbie noted that she is prepared to reimburse club members for expenses incurred as a result of Field Day or other outstanding club activities. Mail the receipt for the expense to the club Post Office Box, (Fort Wayne Radio Club, P.O. Box 15127, Fort Wayne, IN 46885-5127), or to her home address (717 Goshen Ave, Fort Wayne, IN 46808). Include your name and return address. She will mail a return check.

The Club was represented at the Auburn Hamfest, and we had two tables. The attendance was moderate, but that was not unexpected given the Coronavirus concerns. Several items from Adolph Wozniak's estate sold. The ADC museum is a pleasant venue. All in all, a nice hamfest.

The August club meeting will occur on 21 August in the church parking lot and will feature the annual Tailgate Hamfest. It will start at 6:30 pm. There is no charge for attendance or for selling items. Just another time honored opportunity to exchange the contents of one ham's basement for another's.

Al Burke, WB9SSE noted that all of our repeaters seem to be percolating ok. He commented on concerns heard regarding the 146.91 (PFW-EchoLink) system. Users are experiencing occurrences of what is described as digital data bursts from time to time on the (146.91) output. A theory involving the use of cross-band repeaters and burst data from uhf weather stations is currently being explored as the potential culprit.

Al also commented on having acquired a five pole band stop filter that provides about a seventy db insertion loss notch throughout the commercial FM (88-108 MHz) broadcast band, while only about one db at 146.34 MHz, the input frequency for our Parrott Rd. vhf repeater. If we place this filter between the receive output of the 146.34/.94 diplexer and the receiver input we should significantly reduce the likelihood of the 146.93 receiver being desensitized by the broadband noise output of the WLDE-FM transmitter we share the tower with.

Al also commented that we noticed a leak in the roof of our building at Robison Park, not large but certainly enough to warrant getting up on the roof to determine what's what. Sigh, seems like it's always something.

Charles Ward, KC9MUT had planned to provide a wrap-up of Field Day scoring results as a part of the July meeting presentation but could not attend because a potential Corona-virus exposure had him in lockdown till the middle of next week. From what we know now, the club will be claiming 1644 points from 200 cw contacts, 66 digital contacts and 99 phone contacts. The claimed score does not include the contribution the club will receive from folks who operated Field Day from

home and will attribute their points to the club's FD effort.

Steve Nardin, W9SAN provided the second part of the planned presentation. Steve described the actions taken to reduce the impact of co-site interference and receiver overload that occur during multiband / multimode operations with closely spaced antennas. The Field Day operation included Don Glick's (N9LI) Icom 7300 DSP enabled transceiver used for 40, 30, 20 and 10 meter cw operation, Charles Ward, KC9MUT operating mostly 40 and 20 meter phone, Fred Gengnagel, KC9EZF operating digital mode of 40 and 20 meters, and Steve Nardin operating mostly 6 meter phone. We had available two each band pass filters for 80, 40 and 20 meters, isolated linear (i.e., no switching mode) power supplies, grounded (outer conductor) feedlines with rf chokes on each feedline before they entered an operating position, and in several cases ferrite beads on control line (for example on N9LI's keyer). These actions seemed to improve co-site operations. Perhaps we will acquire a few more bandpass filters for use on 15 meters and above next year. All in all an informative presentation.

The meeting concluded at 7:52 pm.

Respectfully submitted,

Al Burke, WB9SSE

Secretary, Fort Wayne Radio Club

Yep, it's a Ham Radio.





# State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN



## ACARTS President's Message

The COVID-19 pandemic restrictions are not easing, and in some cases, becoming

more restrictive for ACARTS to hold any meetings or activities. As you know, ACARTS cancelled the August picnic, and there is no sense in holding an August board meeting as its primary purpose was to make final preparations for the picnic. There is no point in planning any meetings at this time as the meeting rooms are not available to outside groups and it is hard to hold a social meeting with social distancing guidelines in place. Someday things will get back to near normal and we can get out of our holding pattern.

I have been informed by Mike, WB9NOO, that WANE-15 will be starting their next phase of tower work in early August. This work is required in the rebanding or spectrum repacking that obligated WANE-15 to change their on-the-air frequency from channel 31 to channel 32. The first step will be reinforcing certain sections of the tower, including the area where the 146.88 repeater antenna is attached. As a result, the ACARTS

antenna will have to be removed temporarily while the reinforcement process is being performed. Mike will keep me informed once the work begins as to when and for how long 146.88 will be off the air. Don't be surprised if the repeater is not available for a brief time in early August. After the reinforcement stage, the next steps will be removing the channel 31 antenna from the side, installing a new channel 32 antenna on top, and removing the temporary channel 32 antenna from the side. Thanks, Mike, for watching out for the ACARTS interests during this project.

Let me know if you have anything that you would like considered by the Board or brought up at a meeting. The board can make decisions by e-mail if anything that needs attention comes up.

In the meantime, remember that we are hams. Make use of your radios to stay busy and keep in contact with your friends via the repeaters.

73,

*Dave Lindquist, W9LKH*

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# W9INX

ALLEN COUNTY

AMATEUR RADIO TECHNICAL SOCIETY



## The Writings of Dick Stroud W9SR

Carl Luetzelschwab, K9LA

The August 2020 issue of QST had Dick Stroud W9SR of Liberty Center, IN (about 25 miles

southwest of Fort Wayne) listed as a Silent Key (he became an SK on May 13, 2020). Dick was first licensed in December 1938 as W9BRN. This was a Class B license, and he upgraded to Class A in 1947. He was licensed for 82 years!

Dick wrote many articles for QST. See the accompanying list. His first publication in QST (*Explore 220 With This State-Of-The-Art Transverter*) is a two-part article describing the construction of a 220 MHz transverter that uses 28 MHz as the IF. In Part 1, the receive portion of the transverter has a noise figure less than 1.5 dB and the transmit portion puts out 5 Watts. The construction is point-to-point with critical areas tightly packed to keep strays minimal. Part 2 adds a low noise remote preamp (to be implemented at the antenna) and a 40 Watt linear for transmit. Using the transverter, the low noise remote preamp and the 40 Watt linear, Dick reports that he could regularly work out to 150 miles with an 11-element Yagi at 50 feet.

His second publication in QST is transforming a lawn chair into a 6 Meter squalo (*Six Meters from Your Easy Chair*). He tested it in the July 2001 CQ VHF contest with 40 Watts, and he worked 47 grids, including Cuba and Puerto Rico, with the squalo mounted at 20 feet above ground. This article brought him lots of fame!

Dick's third publication in QST is for a 2 Meter

copper loop (*Try Copper for 2 Meters – The Cu Loop*), which was inspired by several hams who read his 6 meter squalo article and wanted something for 2 meters. The tubing used in the antenna is 3/4" thin-wall copper tubing available at hardware stores. The design uses a gamma match, and is very sturdy. This article includes a Feedback article (comments about polarization) and an Improvement article (simplification to the gamma match system).

Dick's fourth publication in QST (*Copper Loops for 222 and 440 MHz*) is a follow-on to the 2 meter copper loop. It shows designs for copper loops for 222 MHz (using 3/4" tubing) and 440 MHz (using 1/2" tubing). Antenna patterns are shown, and he also discusses stacking two loops.

His fifth publication in QST (*An Effective 160 Meter Receiving Loop*) gives the design of a small single-turn loop for 160 meter receiving duty. The loop is just under 72" on a side. The loop has an apparent inductance of 10 uH, which allows it to be tuned to resonance with 740 pF. A 19 dB gain preamp is mounted at the loop and has a noise figure less than 2 dB. A Feedback article includes corrections to the schematic of the preamp.

Dick's last publication in QST (*A Rotatable Lazy H Antenna for 6 Meters*) is inspired by his memories of using a Lazy H antenna on 20 meters in the late 1940s. The Lazy H is a four-element broadside array that produces a bi-directional gain of about 6 dBi. Scaling it to 6 meters results in an easily transportable 6 meter antenna for Field Day.

All of Dick's articles can be downloaded by ARRL members from the ARRL web site.

QST Articles by Dick Stroud W9SR

title of article	issue	page
Explore "220" With This State-Of-The-Art Transverter! - Part 1	August 1982	14
Explore "220" With This State-Of-The-Art Transverter - Part 2	September 1982	33
Six Meters from Your Easy Chair	January 2002	33
Try Copper for 2 Meters -- The Cu Loop	December 2002	46
Try Copper for 2 Meters -- The Cu Loop -- Feedback	February 2003	76
Copper Loops for 222 and 440 MHz	July 2004	58
Improvements to the 2 Meter CU Loop	October 2004	66
An Effective 160 Meter Receiving Loop	June 2006	35
An Effective 160 Meter Receiving Loop -- Feedback	July 2006	85
A Rotatable Lazy H Antenna for 6 Meters	June 2016	35

## THE FOXHUNT CHRONICLES JUNE 2020

Although the weather has improved, the current situation with COVID-19 has led to a postponement of foxhunting. This all changed on a beautiful June 7th. The sun was out and a single cloud wasn't seen in the sky. You couldn't ask for better weather. Four teams, observing social distancing, assembled in the parking lot waiting for the 1:30 PM start time.

Adam, KD9NRT, and his wife Meghan, KD9ODP, served as the fox. The microfox was hidden under the skirting of a light post at the Purdue - Fort Wayne Alumni Center. At exactly 1:30 PM, Meghan started transmitting. The theme for the day was 100 lesser known facts. One group would win but everyone would win through knowledge. The groups set off in search of the microfox.

Adam's small red car was parked so it blended in with other surrounding cars... until they left, leaving his car the sole remaining vehicle and a suspicious one at that. This only fooled the group for three broadcasts where in the van of Linda, W9LAN, Steve, W9SAN, and their grandson Alex, were seen driving by on Coliseum Blvd. They went

past. Everyone would need one more broadcast. Linda, Steve, and Alex found the car and pulled into the Alumni Center. They pulled in just as the microfox started to broadcast. Just as Steve was jumping from the van, Charles, KC9MUT, and Phil, AB9IZ, pulled in. Steve found the microfox. Steve replaced it in time for Charles to have a go at finding it. He found it just a few seconds later.

After one more round of broadcasts from Meghan, Al, WB9SSE, along with Carole, WB9RUS, Jim, K9OMA, and Annie, KA9YYI, arrived. After a little confusion, they found the fox. Last to arrive were Don, K9LI and his wife Julie.

The post hunt festivities were held at the Johnny Appleseed Park campground. Social distancing was maintained, but fun was still had. Another suc-

cessful foxhunt in the books.

As the Nardins were the first to locate the microfox, they will serve as the fox for the July hunt which will occur on Sunday, 12 July.

Points for the June hunt and for the year to date are as found in the following table.

Why not join in for the foxhunt? You can participate with minimal equipment. You can even participate from home. Join in on the 12<sup>th</sup> at 1:30 PM. The starting location is the shopping center next to Cobin Memorial Park on N. Coliseum Blvd.

73,

*Meghan Warrrix, KD9ODP*

*Adam Warrrix, KD9NRT*

FOX HUNTER	JUNE SCORE	CUMULATIVE YEAR -TO-DATE SCORE
WB9RUS	2	7.33
WB9SSE	2	7.33
K9OMA	2	3
KA9YYI	2	3
KC9MUT	3	6
KC9EZP	0	1
AB9IZ	3	3
W9SAN	5	12
W9LAN	4	11
ALEX	4	9
K9LI	1	5
JULIE	1	4
KD9NRT	5.75	8.75
KD9ODP	5.75	7.75



## FOXHUNT CHRONICLES

JULY 2020



The weather was rather threatening looking in the early afternoon of July 12th as we drove to the southwest side of Allen County Indiana to set up our Fox station. Black clouds darkened the sky as we pulled into a short remnant of Lafayette Center Road. This short chunk of roadway was orphaned when Interstate 469 was connected to Interstate 69. The Roanoke Baptist Church was located just south of this little road. The Fox team of Steve, W9SAN, Linda, W9LAN, and their grandson Alex set up shop for a transmitting signal at the end of this short piece of road.

At 1:30 pm EDT, the Foxes started transmitting for 1 minute on the air with 4 minutes of silence. Our first transmission was at a 5 watt level, and was difficult for some of the teams to copy, so we increased power to 25 watts for the next several transmissions, before reducing to 10 watts and then down to 5 watts. There were three teams participating in the hunt: the Burke/Pliett team of Al and Jim, WB9SSE & K9OMA, (followed closely by their wives Carole, WB9RUS, and Anne, KA9YYI); the team of Don, K9LI, and his wife, and finally the team of Charles, KC9MUT, and Bill, K9WEH. Joining Bill and Charles was newbie Brent Hrabski, who is interested in Amateur Radio and found out about the event from our website. He showed up at the starting location and was quickly inducted into Charles' Ram pickup to ride along!

When the Fox team arrived at their hiding place, the first order of business was to hide the 50 milliwatt micro Fox transmitter. Using a McDonald's paper bag, Alex placed the unit through a wire fence in a location that was free from the dreaded poison ivy, and in a location where the wire would spread the signal. There was also a piece of dead wood that conveniently served as a decoy. Around the otherwise empty site were electrical boxes that could potentially hold decoy

pipes. We parked the van where it was almost impossible to see from the interstate and almost hidden from nearby through roads. The teams really had to trust their instruments on this one!!



Linda wanted to fill some of the air time as Fox with interesting trivia! So she Googled today's date and found a lot of interesting but useless facts about paper bag manufacturing, the Rolling Stones' first concert, the Eisenhower Interstate Highway system, British King Charles and a lot more! Steve and Alex just resorted to insane on air noises and discussions. All the while this was happening, we had a nervous eye to the sky, as black clouds moved overhead. Later, we learned of a funnel cloud just to the south of us! We really thought our Fox Hunt would turn into a SKYWARN event!!





After about an hour, we finally saw the Burke/Pliett minivan turn down our road. They were followed by their wives. Jim and Al immediately got to work trying to find the micro fox. After about 15 minutes of going in different directions, they zeroed in on the area of the micro fox and after several more minutes finally found the little guy. Next on the scene were Charles, Bill and Brent. Again they seemed to be going all the wrong directions, but eventually found the fox. Don and his wife Julie showed up last, but their equipment seemed to be working better, and found the fox in about 5 minutes.

The July and cumulative Year-to-date scores as a result of this month's contest are shown below.

We split up much more than usual for our after-hunt pow wow, and most of us went to the Zesto's at the Village of Coventry. We got our food and sat around outside in a socially distant fashion. The hunt was a lot of fun and we look forward to August 2<sup>nd</sup> and a new challenge from Jim and Al, the next foxes!

73,

*Steve Nardin, W9SAN*



FOXHUNTER	JULY SCORE	YEAR-TO-DATE SCORE
WB9RUS	3	10.33
WB9SSE	3	10.33
KA9YYI	3	6
K9OMA	4	7
KC9MUT	1	8
KC9EZP	0	1
AB9IZ	0	3
W9SAN	6.33	18.33
W9LAN	6.33	17.33
ALEX	6.33	15.33
N9LI	1	6
JULIE	1	5
K9WEH	2	2
KD9ITZ	0	0
KD9NRT	0	8.75
KD9ODP	0	7.75



## East Central Indiana

# HAMFest

Saturday, August 15, 2020 – 8:00 AM to 4:00 PM Eastern  
Randolph County 4-H Fairgrounds  
1855 US Hwy 27, Winchester, IN 47294

[WD9EXZ@gmail.com](mailto:WD9EXZ@gmail.com) - [www.facebook.com/rcarcindiana](https://www.facebook.com/rcarcindiana)



ARRL  
Sanctioned

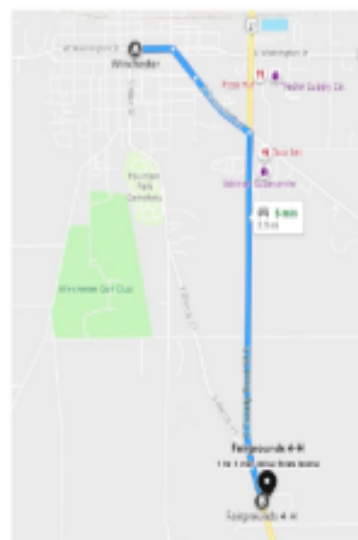
**Talk-in Frequency**  
**147.300+ MHz**  
**PL: 110.9 Hz**

### Free:

- Parking
- Admission
- Indoor Spaces
- Outdoor Spaces
- Door Prizes

### Also Available:

- Breakfast \$
- Lunch \$
- Camping w/Electric - \$25
- Showers
- VE Test Sessions—10 AM & 2 PM



### Door Prizes Include:

- Icom ID-4100A D-Star/Analog Mobile MSRP \$329.95
- Icom ID-31A+ D-Star HT MSRP \$279.95
- Icom IC-V86 7W HT MSRP \$169.00
- Grand Prize – Icom IC-7300 HF + 6M MSRP \$1199.99

*Grand Prize drawing at 3 PM—Must be present to win - see details at door*

### Sponsors:

- Randolph Co. ARC
- Jay Co. ARC
- Blackford Co. ARC
- Muncie Area ARC
- EmComm ECI
- Grant Co. ARC
- Adams Co. ARC
- Whitewater Valley ARC
- Darke Co. ARC
- K9NZF Systems
- State Line Radio
- TNT Electronics



Breakfast and Lunch provided by  
Randolph Co. 4-H Shooting Sports





Contest Calendar (Selected) for August 2020	
10-10 Int. Summer Contest, SSB	0001Z, Aug 1 to 2359Z, Aug 2
SKCC Sprint Europe	1900Z-2100Z, Aug 6
WAE DX Contest, CW	0000Z, Aug 8 to 2359Z, Aug 9
QRP ARCI European Sprint	0800Z-1100Z, Aug 8
<b>SKCC Weekend Sprintathon</b>	1200Z, Aug 8 to 2400Z, Aug 9
Maryland-DC QSO Party	1400Z, Aug 8 to 0400Z, Aug 9
Worldwide Sideband Activity Contest	0100Z-0159Z, Aug 11
VHF-UHF FT8 Activity Contest	1700Z-2000Z, Aug 12
ARRL 10 GHz and Up Contest	0600 local, Aug 15 to 2400 local, Aug 16
North American QSO Party, SSB	1800Z, Aug 15 to 0559Z, Aug 16
ARRL Rookie Roundup, RTTY	1800Z-2359Z, Aug 16
Run for the Bacon QRP Contest	2300Z, Aug 16 to 0100Z, Aug 17
Worldwide Sideband Activity Contest	0100Z-0159Z, Aug 18
Hawaii QSO Party	0400Z, Aug 22 to 0400Z, Aug 24
RTTYOPS Weekend Sprint	1600Z-1959Z, Aug 22
Ohio QSO Party	1600Z, Aug 22 to 0400Z, Aug 23
CVA DX Contest, SSB	2100Z, Aug 22 to 2100Z, Aug 23
50 MHz Fall Sprint	2300Z, Aug 22 to 0300Z, Aug 23
Worldwide Sideband Activity Contest	0100Z-0159Z, Aug 25
<b>SKCC Sprint</b>	0000Z-0200Z, Aug 26
World Wide Digi DX Contest	1200Z, Aug 29 to 1200Z, Aug 30
YO DX HF Contest	1200Z, Aug 29 to 1200Z, Aug 30
W/VE Islands QSO Party	1200Z, Aug 29 to 0300Z, Aug 30
Kansas QSO Party	1400Z, Aug 29 to 0200Z, Aug 30 and 1400Z-2000Z, Aug 30
This information comes from the WA7BNM Contest Calendar at <a href="http://www.contestcalendar.com">www.contestcalendar.com</a> and is gratefully acknowledged. It is deemed accurate as of the time of publication.	



Members of the  
Little Red Barn Net  
at the  
2020 Auburn  
Hamfest

Area Nets					
Daily			Tuesday		
8:00 AM	3.535	Daily (QIN) Indiana Section CW net	7:30 PM	147.150+	21 Repeater Group Net (97.4 PL)
8:30 AM	3.940	Daily Indiana Traffic Net	8:00 PM	50.580 USB	FWRC 6-Meter SSB Net
6:00 PM	3.940	Daily Indiana Traffic Net	9:00 PM	146.940-	Allen Co. ARES Training Net (141.3 PL)
6:30 PM	146.880-	IMO (alternate is 146.760)	Wednesday		
7:00 PM	147.015+	Tri State Two Meter Net	7:00 PM	146.760-	FWRC YL Net
8:00 PM	3.535	Daily (QIN) Indiana Section CW net	8:00 PM	145.270-	Whitley Co. ARES (141.3 PL)
Week-days			8:00 PM	50.580 FM	FWRC 6-Meter FM Net
9:00 AM	3.820	Little Red Barn Net	9:00 PM	146.940-	Help and Swap Net (141.3 PL)
Sunday			Thursday		
8:00 PM	444.550+	Whitley Co. ARC Sunday Night Net (141.3 PL)	8:00 PM	D-STAR	Indiana D-STAR net (Note 3)
8:30 PM	1.965 & 146.910-	"No-Name" Net also on EchoLink Node number 519521	8:00 PM	50.580	AM 6-Meter AM Net
9:00 PM	145.53 simplex	Northeast Indiana Packet Net 1200 baud (Note 2)	8:30 PM	145.510 simplex	Allen County ARES Digital Operations Team Training Net (Note 4)
Monday			Saturday		
8:00 PM	224.780-	Fort Wayne 224 Net	8:00 PM	146.685-	Huntington ARES(141.3 PL)
1. All times local time. Any changes or corrections should be submitted to the newsletter editor at drjoshlong (at) gmail.com. 2. NEIPN is direct accessible via any BPQ Chat Node (or through Node hopping etc.) via other packet frequencies in this area and other areas through other nodes (it is locally direct accessible on 145.53 in NC & NE Indiana/NW Ohio and SE Michigan using KA9LCF-11, KC9VYU-11, N9LCF-11, N9PXO-11, K9BIF-11) Most BPQ Nodes use an SSID of -11. 3. Reflector REF024B. 4. Net starts using BPSK-31 and switches to BPSK-250 after roll call to pass traffic etc. NBEMS suite of software (FLDIGI, FLMSG, and FLAMP) is preferred. 5. Indiana HF Traffic Nets Web Site: <a href="http://www.inarri.org/index.php/public-service/indiana-nts">http://www.inarri.org/index.php/public-service/indiana-nts</a>					

Fort Wayne repeaters							
Frequency	Offset	Tone	Callsign	Frequency	Offset	Tone	Callsign
145.330	-0.6 MHz	--	W9FEZ	443.100	+5 MHz	141.3	K9MMQ
146.880	-0.6 MHz	--	W9INX	443.275	+5 MHz	141.3	K9MMQ
147.255	+0.6 MHz	--	W9INX	442.6375	+5 MHz	--	N9MTF
146.760	-0.6 MHz	--	W9TE	444.800	+5 MHz	--	W9FEZ
146.910	-0.6 MHz	--	W9TE	443.800	+5 MHz	--	W9INX
146.940	-0.6 MHz	141.3	W9TE	442.99375	+5 MHz	--	W9TE
224.780	-1.6 MHz	--	W9FEZ	444.8750	+5 MHz	141.3	W9TE
				53.3300	-1 MHz	--	W9FEZ

**FWRC Membership Application**

Name: \_\_\_\_\_ Call Sign: \_\_\_\_\_  
 License Class: \_\_\_\_\_  
 Street address: \_\_\_\_\_ City: \_\_\_\_\_  
 State: \_\_\_\_\_ ZIP: \_\_\_\_\_ Phone #: (\_\_\_\_\_) \_\_\_\_\_  
 Email address: \_\_\_\_\_ ARRL Member? \_\_\_\_\_

(ARRL membership helps the club maintain ARRL affiliation)

May we list your name, call & email address in our membership roster & on our club web site?

**Fort Wayne Radio Club dues:**

Regular membership	\$20.00 / year
Family membership <sup>1</sup>	\$30.00 / year
Student membership <sup>2</sup>	\$5.00 / year
Associate membership <sup>3</sup>	\$20.00 / year

(Memberships for July-December are ½ the stated amounts)

Please attach a check to this form (paying by check is strongly encouraged) made out to:

Fort Wayne Radio Club (check number \_\_\_\_\_) and bring to a club meeting or mail to:

Fort Wayne Radio Club

P.O. Box 15127

Fort Wayne, IN 46885-5127

Please list all names and calls on an attached sheet.

K-12 or full time student.

Unlicensed member.

**ACARTS Membership Application**

Name: \_\_\_\_\_ Call Sign: \_\_\_\_\_  
 License Class: \_\_\_\_\_  
 Street address: \_\_\_\_\_ City: \_\_\_\_\_  
 State: \_\_\_\_\_ ZIP: \_\_\_\_\_ Phone #: (\_\_\_\_\_) \_\_\_\_\_  
 Email address: \_\_\_\_\_ ARRL Member? \_\_\_\_\_

(ARRL membership helps the club maintain ARRL affiliation)

May we list your name, call & email address in our membership roster & on our club web site?

**ACARTS dues:**

Regular membership	\$12.00 / year
Additional family members <sup>1</sup>	\$6.00 / year
Student membership <sup>2</sup>	\$6.00 / year
Associate membership <sup>3</sup>	\$6.00 / year

(New regular memberships are \$1.00/month)

Please attach a check to this form (paying by check is strongly encouraged) made out to:

Allen County Amateur Radio Technical Society (check number \_\_\_\_\_) and bring to a club meeting or mail to:

A.C.A.R.T.S.

P.O. Box 10342

Fort Wayne, IN

Please list all names and calls on an attached sheet.

K-12 or full time student.

Unlicensed member.